



JOHN A. LAHIVE, JR.
W. HUGO LIEPMANN
JAMES E. COCKFIELD
THOMAS V. SMURZYNSKI
RALPH A. LOREN
THOMAS J. ENGELLEN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
PAUL LOUIS MYERS, Ph.D.
ELIZABETH A. HANLEY
MICHAEL I. FALKOFF
JOHN V. BIANCO
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
JANE E. REMILLARD
MARK A. KURISKO
BETH E. ARNOLD
JEAN M. SILVERI
CAROLYN G. d'AGINCOURT
PETER J. RAINVILLE

LAHIVE & COCKFIELD, LLP

COUNSELLORS AT LAW
SIXTY STATE STREET
BOSTON, MASSACHUSETTS 02109-1875

TELEPHONE (617) 227-7400

FAX (617) 227-5941

lc@lahcoc.com

January 23, 1997

OF COUNSEL
JEREMIAH LYNCH
LAWRENCE E. MONKS

PATENT AGENT
MATTHEW P. VINCENT, Ph.D.

TECHNICAL SPECIALISTS
CATHERINE J. KARA, Ph.D.
MARK D. RUSSETT
ISABELLE M. CLAUSS, Ph.D.
IVANA MARAVIC-MAGOVCEVIC, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
SONIA K. GUTERMAN, Ph.D.
DIANA M. COLLAZO, Ph.D.
CHARLES ERIC SCHULMAN
FAUSTINO A. LICHAUCO

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No.: 08/487,032
Title: *NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TO HELICOBACTER PYLORI FOR DIAGNOSTICS AND
THERAPEUTICS*

Inventor: Smith, Douglas

Filed: June 7, 1995

Our Ref. No.: GTN-001

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Reply to Notice to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
2. Pages (76-782) of the Sequence Listing;
3. Transmittal letter for Diskette Containing Sequence Listing;
4. Diskette containing Sequence Listing;
5. Preliminary Amendment;
6. Copy of Notice to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures; and
7. A Return Postcard.

No additional costs are due in connection with the filing of this Sequence Listing.

The undersigned requests any extensions of time necessary to respond. Please charge any necessary fees associated with this request to our Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

January 23, 1997

Date

Amy E. Mandragouras, Registration No. 36,207

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Amy E. Mandragouras
Registration No. 36,207
Attorney for Applicant